

Author Index

Canadian Journal of Plant Science, Volume 85, 2005

- Ablett, G.R., 593, 897, 899
 Acharya, S., **167**, **177**, 403
 Ahakpaz, F., 587
 Allard, G., **173**, **175**, 193
 Ames, N.P., 651, 901
 Anderson, D.M., **165**, **166**
 Antoun, H., **175**
 Anyia, A.O., **169**, **175**
 Archambault, D.J., **169**, **175**
 Arshad, M.A., 67
 Asay, K.H., 125, 863
 Autio, W.R., 703
- Badra, A., 193
 Båga, M., **165**
 Bai, D., 49
 Baig, M.N. **170**, **172**
 Bailey, K.L., 95
 Ball Coelho, B.R., 543
 Ball, R.A., 577
 Bandara, M., **167**, **174**
 Banerjee, M.R., **170**
 Banniza, S., 159, 161, 163, 649, 905, 907, 909
 Basu, S., **167**
 Bélanger, G., 1, **173**, 369
 Berdahl, J.D., 125
 Beres, B., **168**
 Bhattacharya, A., 151
 Bing, H., 623
 Bittman, S., 3, **168**
 Blackshaw, R., **168**, 735, 761, 771, 955
 Blade, S., **177**
 Blomert, B.J., 81
 Brandsæter, L.O., 115
 Brassard, H., **173**
 Brégard, A., **173**
 Bremer, E., 603
 Bricklemeyer, R.S., **167**
 Briggs, K.G., **170**, **172**
 Brown, P.D., 655
 Bruin, A.J., 543
 Buchwaldt, L., 159, 161, 163
 Bullas-Appleton, E.S., 237
 Burbulis, N., 109
 Buret, M., 431
 Butt, E., 351
- Caldwell, C.D., **165**, **166**, **172**
 Campbell, C., 41, 81
- Carter, M.R., 523
 Castonguay, Y., **173**
 Catling, P.M., 407
 Causse, M., 439
 Chandler, C.K., 665
 Charmley, E., 147
 Chen, Y., 155
 Chen, Y.-H., 309
 Cheng, Z.-Y., 829
 Chibbar, R.N., **165**, **171**
 Chiquette, J., **173**
 Chodaparambil, S.V., **165**
 Christensen, C.R., 533
 Christensen, D.A., 533
 Clark, E.A., 147
 Clarke, F.R., **176**, 397, 651, 901
 Clarke, J.M., **176**, 397, 651, 901
 Clayton, G., **168**, **176**, **177**, 265, 641, 761, 771, 955
 Clermont-Dauphin, C., 31
 Conner, R.L., 393
 Corrigan, L.M., 803
 Costea, M., 481, 507
 Couling, S., 679
 Coulman, B., **170**
 Cowell, L., 59
 Cronkwright, L., **172**
 Cutforth, H., **175**, 877
 Czamecki, E., 655
- Dane, F., 417
 Darbyshire, S.J., 243
 Darroch, B.A., 403
 De Rocquigny, J.P. 385
 Deen, W., **167**, **172**
 Degenhardt, R.F., 271
 Deguchi, K., 857
 Delaney, S., **173**
 DePauw, R.M., 397, 651, 901
 Derksen, D., **167**, **168**
 Desjardins, Y., 193
 Dexter, J.E., 901
 DiTommaso, A., 243
 Doehlert, D.C., 317
 Dong, S.K., 361
 Doram, R.C., 735
 Douds, Jr., D.D., 15
 Dozier, W.A., 417
 Drapeau, R., **173**, 369, 631, 693
 Dribnenki, J.C.P., 155
 Dueck, S., 159, 161, 163, 439
 Dürr, G.H., 631
- Duval, J.R., 665
 Dwyer, L.M., 343
- Ebel, R.C., 417
 Elmi, A.A., 205
 Embree, C.G., 453
 Entz, M.H., 385, 457, 645
 Entz, T., 735
- Falk, D., **172**
 Farrell, R.E., 103
 Fernandez, M.R., 569, 651, 901
 Fillmore, S.A.E., 631
 Fischer, J.D., 897, 899
 Flore, N.A., **171**, 327
 Fortin, J.A., 31
 Fowler, D.B., **165**, 587
 Fox, S.L., 655
 Francis, A., 709
 Frick, B., **166**
 Friebe, D., **177**
 Friesen, A., **168**
- Gan, Y., 555, 829, 847
 Ganesan, S., **171**
 Gauthier, H., 431
 Gentile, R.M., 385
 Gillard, C., 237
 Giroux, C., 893
 Glass, V.M., 911, 919
 Goonewardene, L.A., **175**
 Gorda, M., **169**
 Gordon, R., 205
 Gossen, B.D., 213
 Graf, R., **168**
 Grant, C., 3, **167**, **168**, **169**, **171**, **176**, **177**, 297
 Grasselly, D., 439
 Green, A.G., 155
 Gruber, M.Y., 225
 Gu, H., 317
 Gudleifsson, B.E., 115
- Hall, L.M., 271
 Hallett, R.H., 225
 Hanson, K.G., 555, 847
 Harapiak, J.T., **171**, 327
 Harker, K.N., **168**, **176**, **177**, 265, 271, 761, 771, 955
 Haugland, E., 115
 Hauser, T., 205
 Hawkins, G.P., 803
 Helgheim, M., 115

- Helm, J., 167, 169, 170, 178
 Hicklenton, P.R., 665, 671
 Hnatowich, G., 73
 Hoeppner, J.W., 645
 Holowachuk, J., 225
 Houshmand, S., 176
 Hu, J., 309
 Hu, Y.-K., 309
 Hu, Z.-M., 309
 Hu, Z.Z., 361
 Huang, G.-B., 829
 Huang, H.C., 393, 735
 Humphreys, D.G., 655
 Humphreys, G., 397
 Hunt, D.E., 168
- Iqbal, M., 166
 Irvine, B., 168, 169, 171, 889
 Ivany, J.A., 171, 173
 Iwaasa, A.D., 174
- Jacobs, J.L., 809
 Jain, J., 171
 Jannink, J.L., 317
 Janzen, H.H., 167
 Jefferson, P.G., 81, 125, 135, 170, 377, 877
 Johnson, M.G., 170, 172
 Johnson, M.R., 170, 172
 Johnston, A.M., 95, 176, 265
 Johnston, P., 172
 Judiesch, D., 175
 Juskiw, P.E., 170, 178
- Kabir, Z., 23
 Kang, M.Y., 361
 Karamanos, R.E., 171, 327
 Kam, J.F., 125
 Katepa-Mupondwa, F., 175
 Kayser, W.M., 15
 Keck, T.J., 167
 Ketata, H., 587
 Khakbazan, M., 167
 Khan, W., 175
 Khiari, L., 939
 Kiehn, F.A., 393
 King, J.R., 165, 171
 Klein-Gebbinck, H.W., 67
 Kleinhout, A., 170
 Knight, C.C., 949
 Knott, D.R., 49
 Knox, R.E., 176, 397, 651, 901
 Kobayashi, S., 857
 Kott, L.S., 109
 Kowalenko, C.G., 168, 179
 Kruger, A., 172
 Kunelius, H.T., 631
 Kutcher, H.R., 59, 95, 176, 265
 Kyei-Boahen, S., 73, 893
- Laberge, S., 173
 Lada, R., 165, 166
 Lafond, G.P., 561, 839, 889
 Lafrenière, C., 175
 Lajeunesse, J., 174
 Lamy, M.P., 693
 Lang, P., 417
 Laroche, A., 623
 Lauzon, J., 167
 Lawlor, F.M., 243
 Leblanc, P., 205
 Leis, M., 171
 Lemke, R., 81
 Li, F.-M., 829
 Li, Z., 447
 Limin, A.E., 165, 587
 Liu, P.-H., 829
 Liu, Z., 447
 Locy, R.D., 417
 Lohr, S., 167
 Long, R.J., 361
 Lopetinsky, K., 165
 Lupwayi, N.Z., 168, 177
 Lynch, D.H., 173
 Lyons, G., 135
- Ma, B.L., 168, 343
 MacDonald, D., 165, 166, 172
 MacLeod, J.A., 171
 Madani, A., 205
 Mahfoozi, S., 587
 Malhi, S.S., 59, 297, 777, 793
 Marchylo, B.A., 901
 Martinson, C.A., 749
 Mason, H., 166
 Matus, A., 172
 Maurice, D.C., 955
 May, W., 165, 169, 176, 561, 839, 889
 Mayland, H.F., 125
 McArthur, D.F.E., 103
 McCaig, T.N., 176, 651, 901
 McCartney, D., 615
 McConkey, B.G., 81, 555
 McDonald, C.L., 555, 847
 McDonald, M.R., 170, 431
 McEachern, S.F., 155
 McKenzie, D.B., 147, 175, 351
 McKenzie, R., 603, 771
 McKeown A., 170, 431
 McKinnon, J.J., 533
 McLaren, D., 168
 McLaren, M., 171
 McLeod, G., 176
 McLeod, R., 172
 McMullen, M.S., 317
 McRae, K.B., 147, 351, 631
 McVetty, P.B.E., 809
 Mengli, Z., 623
- Messenger, D., 177
 Meynard, J.M., 31
 Michaud, R., 173, 369
 Middleton, A.B., 603
 Miller, P.R., 167
 Mir, Z., 177
 Mitrow, G., 407
 Mohr, R., 169, 171, 176, 839
 Monreal, M., 3, 167, 171
 Morel, C., 3
 Morrall, R.A.A., 159, 161, 163
 Moulin, A., 167, 168, 169
 Moyer, J., 177, 735
 Mündel, H.-H., 393
 Murphy, P.A., 749
 Mutisya, J.M., 679
- Nagahashi, G., 15
 Najda, H., 172
 Nakashima, H., 857
 Nass, H.G., 173, 174
 Navabi, A., 166, 169, 175
 Nazarko, O.M., 457
 Neto, C.C., 703
 Nichols, D.S., 453
 Nleya, T., 577
 Nyachiro, J.M., 170, 178
 Nyborg, M., 793
- O'Brien, E.O., 175
 O'Donovan, J., 166, 168, 171, 176, 177, 265, 641, 761, 771, 955
 O'Sullivan, J., 285
 Oatway, L., 178
 Ohsako, T., 963
 Olfert, O., 176
 Otani, J., 641
 Ouellet, D.R., 173
- Pageau, D., 174
 Panigrahi, S., 317
 Papadopoulos, Y.A., 147, 351
 Parent, L.E., 193, 939
 Pastl, R., 135
 Pauls, K.P., 593, 949
 Paustian, K., 167
 Pearen, J.R., 615
 Percival, D.C., 911, 919
 Peters, R.D., 523
 Petit, H.V., 173
 Pettigrew, A., 939
 Pfeffer, P.E., 15
 Plenchette, C., 3, 31
 Poysa, V., 389, 593
 Proctor, J.T.A., 911, 919
- Quandt, J., 169
- Raatz, L.L., 271
 Rajcan, I., 593

- Raney, J.P., 815
 Rashid, K.Y., 155
 Ray, H., 225
 Reekie, J.Y., 665, 671
 Reider, C., 15
 Reinprecht, Y., 593
 Richer, C., 693
 Rickwood, R., 175
 Rioux, J.-A., 693
 Riveland, R.N., 317
 Robidoux, J.L., 703
 Rocci, A., 431
 Rodd, V., 205
 Ross, S.M., 171
 Rossnagel, B.G., 166, 561
 Roustaii, M., 587
 Roy, A., 167
 Roy, R.C., 543
 Russell, B.J., 178

 Sadleir, J., 172
 Saindon, G., 393
 Salmon, D., 166, 167, 170, 176, 178
 Sanderson, J.B., 174, 523
 Scarth, R., 41
 Schaafsma, A.W., 237, 949
 Scharf, F., 174
 Schellenberg, M.P., 170, 174
 Schoenau, J.J., 297
 Sears, M.K., 949
 Seguin, P., 173
 Selles, F., 81, 555, 847
 Senda, T., 963
 Shi, R., 309
 Shirliffe, S.J., 165, 166, 561
 Shropshire, C., 529
 Sikkema, P., 285, 529
 Singh, N.K., 417
 Slaski, J.J., 169, 175
 Slinkard, A., 159, 161, 163, 649
 Smith, E.G., 761
 Solberg, E.D., 793
 Soltani, N., 529
 Sommerville, D.W., 687

 Soon, Y.K., 67, 641
 Soroka, J.J., 213, 225
 Spaner, D., 166, 167, 169, 171, 175, 271
 Steppuhn, H., 815, 863
 Stevenson, C., 73
 Stevenson, F.C., 265, 615, 839
 Stewart, D.W., 168
 Stirling, B.T., 897, 899
 St-Pierre, R.G., 425, 659, 929, 933
 Stringam, G.R., 803
 Struik, P.C., 665, 671
 Strydhorst, S., 165
 Sturz, A.V., 523
 Sullivan, J.A., 679
 Sutton, J.C., 679

 Tardif, F.J., 481, 507
 Temelli, F., 176
 Thiagarajah, M.R., 803
 Thiessen Martens, J.R., 645
 Thomas, J., 167
 Todd, A.G., 175
 Tominga, T., 963
 Topp, G.C., 343
 Townley-Smith, L., 615
 Townley-Smith, T.F., 397, 655
 Tremblay, G.F., 173, 369
 Tremblay, N., 193
 Tronsmo, A.M., 115
 Tuchelt, J., 175
 Tulloch, H.P., 659, 929
 Tulsieram, L., 175
 Turkington, T.K., 168, 176, 177, 265

 Upadhyay, B.M., 761

 Van Acker, R.C., 457
 Van Rees, K.C.J., 103
 Vanden Heuvel, J.E., 703
 Vandenberg, A., 159, 161, 163, 577, 649, 905, 907, 909
 Veitch, R.S., 165, 166

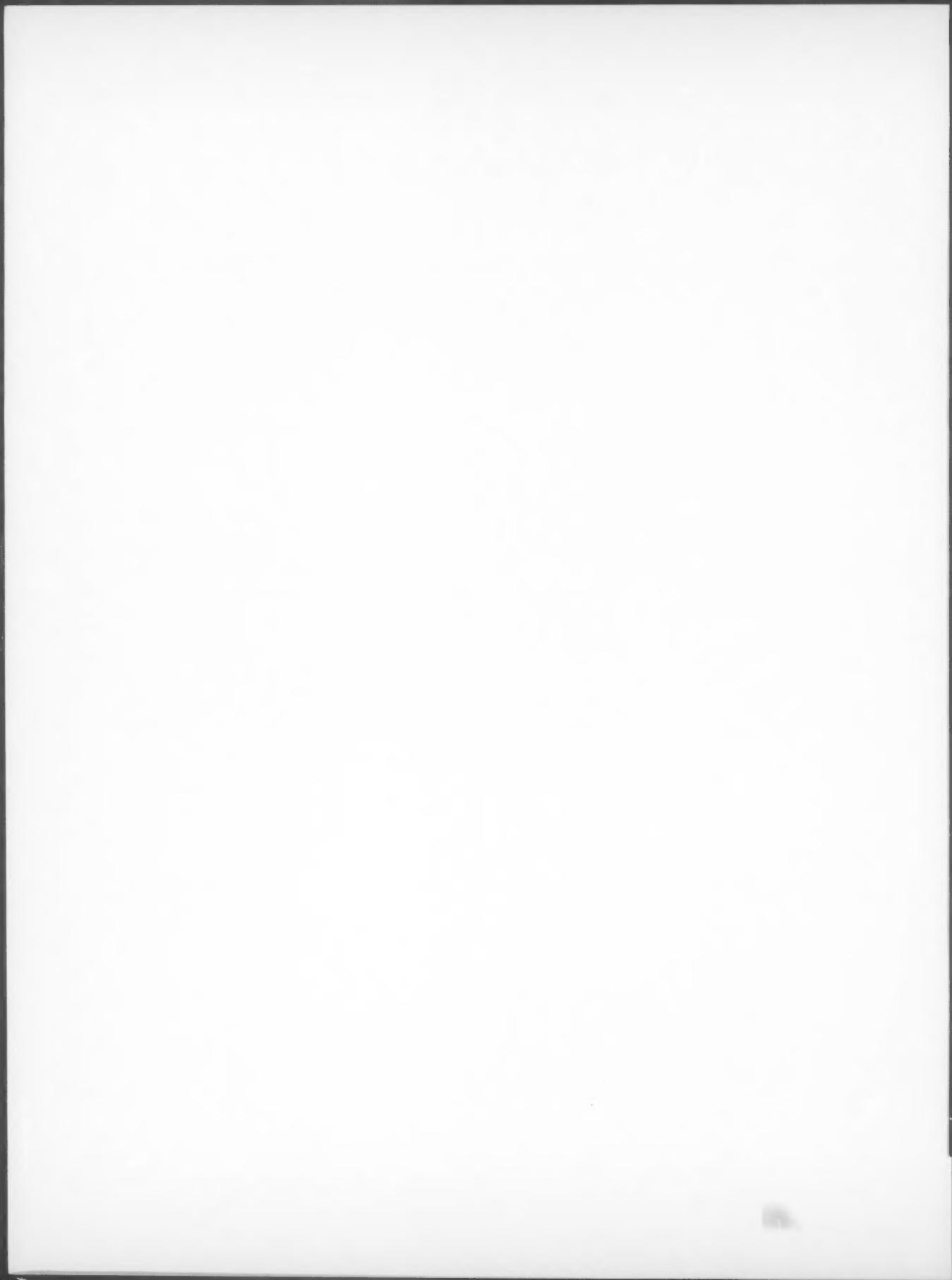
 Vera, C., 159, 161, 163
 Vidmar, J.J., 169

 Walley, F.L., 73, 893
 Wang, R.R.-C., 309
 Wang, Y., 41
 Warkentin, T., 159, 161, 163, 649, 905, 907, 909
 Warland, J., 170, 431
 Warwick, S.I., 709
 Weaver, S.E., 507
 Wegulo, S.N., 749
 Weiss, R.M., 176
 Whalen, J.K., 687
 Willenborg, C.J., 165, 166, 561
 Willms, W.D., 623
 Woodrow, L., 389
 Woosaree, J., 403

 Xi, K., 178

 Yan, Y.-M., 309
 Yang, R.-C., 166, 169
 Yang, X.-B., 749
 Yang, Z.F., 361
 Yin, W.-B., 309
 Ying, J., 343
 Yu, K., 389
 Yu, P., 533

 Zale, J., 49
 Zantinge, J.L., 167, 170, 178
 Zatylny, A.M., 425, 659, 929, 933
 Zentner, R.P., 81, 135, 167, 555, 569, 847
 Zhang, B.-C., 829
 Zhang, C.-K., 417
 Zhang, F.-Y., 309
 Zhang, X., 803
 Zhao, G., 897, 899
 Zheng, J., 679
 Zhou, Y.-H., 309



Subject Index

Canadian Journal of Plant Science, Volume 85, 2005

- Abiotic crop-stress
 salinity tolerances of canola and barley, 815
- Acid detergent fibre
 forage quality differences among timothy genotypes, 857
- Acidity
 saskatoon fruit physicochemical properties, 933
- AFLP
 relationships of *Lolium temulentum* and *L. persicum*, 963
- Age effect
 pollen abortion in *Anacardium excelsum*, 151
- Agrostis palustris*
 silvertop in three grass species, 213
- Allelochemicals
 potential phytotoxic substances in hayfields, 115
- Amaranthus rudis*, 507
- Amaranthus tuberculatus* var. *rudis*, 507
- Amelanchier alnifolia*
 growth and yield of saskatoon cultivars, 929
- saskatoon fruit physicochemical properties, 933
- Amendment
 nitrate and pesticide leaching, 205
- Anthocyanin content
 saskatoon fruit physicochemical properties, 933
- Anti-cancer compound
 camptothecin and hydroponic culture, 447
- Application time
 effectiveness of Cu fertilizers on wheat, 59
- Arabidopsis thaliana*
 Arabidopsis resistance assay, 225
- Arbuscular mycorrhizal fungi
 on-farm production of arbuscular mycorrhizal fungus inoculum, 15
- tillage impact on mycorrhizae, 23
- Arthropod
 silvertop in three grass species, 213
- Ascochyta blight
 CDC Cabri desi chickpea, 905
- CDC ChiChi kabuli chickpea, 907
- CDC Frontier kabuli chickpea, 909
- Avena fatua* L.
 evaluation of weed yield loss equations, 955
- Avena sativa* L. (see Oat)
- Bacterial wilt resistance
 Resolute great northern bean, 393
- Balanced fertilization
 management of S fertilizer in canola, 297
- Barley
 evaluation of weed yield loss equations, 955
- low-temperature tolerance in barley under field conditions, 587
- malting barley agronomy, 603
- salinity tolerances of canola and barley, 815
- Barley, hull-less
 barley response to seed placement and herbicide timing, 265
- crop plant establishment affects competitiveness of cereal varieties, 771
- Barley, malt
 cropping sequence intensification, 95
- Bean
 germination of common bean, 577
- leafhopper aggregation in bean intercrop, 237
- Resolute great northern bean, 393
- tolerance of kidney beans to herbicides, 529
- Bean, great northern
 Resolute great northern bean, 393
- Bentazon
 tolerance of kidney beans to herbicides, 529
- Beta-carotene
 photosensitive filters on tomato fruit composition, 439
- Biofertilizer
 on-farm production of AM fungus inoculum, 15
- Black currant
 fruit physicochemical properties, 425
- Blueberry
 yield tolerance of lowbush blueberries to drought stress, 911
- Bluegrass
 compositional changes between forage grass species, 351
- Boron
 micronutrients in raspberries, 179
- Brassica napus* L. (see Canola)
- Breeding
 interspecific hybridization between *F. esculentum* and *F. homotropicum*, 41
- Breeding method comparisons
 breeding method comparisons in canola/rapeseed, 809
- Brown girdling root rot
 tillage and crop rotation effects on canola yield and root rot, 67
- Buckwheat
 interspecific hybridization between *F. esculentum* and *F. homotropicum*, 41
- Cadmium
 Cd²⁺ flux at root surface and total plant cadmium, 103
- Canola
 breeding method comparisons in canola/rapeseed, 809
- cropping sequence intensification, 95
- economics of seeding management for canola, 761
- evaluation of weed yield loss equations, 955
- fall and spring seeding on canola productivity, 641
- feasibility of elemental S fertilizers for canola, 777
- formulation effect of elemental S on canola, 793
- management of S fertilizer in canola, 297
- RAPD markers linked to pod length in canola, 803
- Raphanus raphanistrum* L., 709
- salinity tolerances of canola and barley, 815
- tillage and crop rotation effects on canola yield and root rot, 67
- ultrastructural-chemical makeup of yellow- and brown-seeded canola, 533
- yellow-seeded canola from black-seeded cultivars, 109
- Captain Samuel Holland
 tolérance aux conditions hivernales de rosiers, 693
- Carbohydrate
 partial defoliation effects on grapevines, 703

- Carrot
nitrate and pesticide leaching, 205
- Cattle grazing
evaluating the performance of
grazing-type alfalfa cultivars, 147
- Chemical makeup
ultrastructural-chemical makeup of
yellow- and brown-seeded
canola, 533
- Chickpea
CDC Cabri desi chickpea, 905
CDC ChiChi kabuli chickpea, 907
CDC Frontier kabuli chickpea, 909
chickpea inoculation, 893
Mesorhizobium inoculants for
chickpea, 555
nitrogen and phosphorus fertility
for chickpea, 73
- Chlorophyll index
nitrogen diagnosis of Christmas
tree needle greenness, 939
- Chloroplast DNA-restriction fragment
length polymorphism
relationships of *Lolium temulentum*
and *L. persicum*, 963
- Chokecherry
fruit physicochemical properties, 425
- Chromosome microdissection
chromosome 1B specific DNA
library of wheat, 309
- Chromosome-specific library
chromosome 1B specific DNA
library of wheat, 309
- Cicer arietinum* L. (see Chickpea)
- Clay, heavy
Mesorhizobium inoculants for
chickpea, 555
- Climate, historical
horticultural crop yields and
seasonal climate, 431
- Cochliobolus sativus*
common root rot of spring wheat,
569
- Cold acclimation and quantitative
relative RT-PCR
down-regulated gene expression of
cold acclimated *Poncirus*
trifoliata, 417
- Colonization
phosphorus and mycorrhizae, 3
- Common bean
germination of common bean, 577
- Common root rot
common root rot of spring wheat,
569
- Common waterhemp
Amaranthus tuberculatus, 507
- Competition
wild oat effects on oat quality, 561
- Composition minérale
rendement et valeur nutritive de la
fêtuque élevée, 369
- Conservation tillage
tillage impact on mycorrhizae, 23
- Conventional tillage
tillage impact on mycorrhizae, 23
- Copper
micronutrients in raspberries, 179
- Copper source
effectiveness of Cu fertilizers on
wheat, 59
- Corn
field method for screening maize
cold tolerance, 343
glufosinate for weed management
in Bt sweet corn, 285
late-summer overseeding benefits
corn and environment, 543
oviposition site selected by
western corn rootworm, 949
- Corn rootworm, western
oviposition site selected by western
corn rootworm, 949
- Cover crops
fertilizer replacement values of
legume cover crops, 645
late-summer overseeding benefits
corn and environment, 543
tillage impact on mycorrhizae, 23
- Cranberry, highbush
fruit physicochemical properties,
425
- Crop-load
bio-regulator effects on
Honeycrisp™ quality, 453
- Crop rotation
common root rot of spring wheat,
569
cropping sequence intensification,
95
previous crop effect of wheat and
weeds, 735
resistance of potatoes to
Phytophthora erythroseptica
attack, 523
- Crop seeding rate
crop plant establishment affects
competitiveness of cereal
varieties, 771
- Crop sequence
tillage and crop rotation effects on
canola yield and root rot, 67
- Crop stress, abiotic
salinity tolerances of canola and
barley, 815
- Crop tolerance
tolerance of kidney beans to
herbicides, 529
- Cropping systems
managing arbuscular mycorrhizal
fungi in cropping systems, 31
- Crucifer flea beetle
Arabidopsis resistance assay, 225
- Crude protein
forage quality differences among
timothy genotypes, 857
Russian wildrye nutritive quality,
125
- Crude protein contents
N fertilizer on the productivity and
nutritive values of grass mixtures,
361
- Cultivar
Cd²⁺ flux at root surface and total
plant cadmium, 103
glufosinate for weed management
in Bt sweet corn, 285
rendement et valeur nutritive de la
fêtuque élevée, 369
soil water depletion by oat and
wheat, 385
- Cultivar description
2126 low linolenic flax, 155
ARC sentinel spike trisetum, 403
CDC Bronco field pea, 649
CDC Cabri desi chickpea, 905
CDC ChiChi kabuli chickpea, 907
CDC Frontier kabuli chickpea, 909
CDC LeMay lentil, 159
CDC Plato lentil, 161
CDC Sedley lentil, 163
Commander durum wheat, 901
Glenavon hard red extra strong
spring wheat, 655
Leo soybean, 389
Lillian hard red spring wheat, 397
PRO 30-50 soybean, 897
RCAT Corbett soybean, 899
Resolute great northern bean, 393
Strongfield durum wheat, 651
- Cultivar evaluation growth and yield
of saskatoon cultivars, 929
- Cynanchum*
Cynanchum rossicum and *C.*
louiseae, 243
- Daucus carota* (see Carrot)
- Diabrotica virgifera virgifera*
oviposition site selected by western
corn rootworm, 949
- Differential display
down-regulated gene expression of
cold acclimated *Poncirus*
trifoliata, 417
- Digestibility
Russian wildrye nutritive quality,
125

- Diplocarpon earlianum*
influence of leaf scorch on
strawberry, 679
- Diploid
interspecific hybridization between
F. esculentum and
F. homotropicum, 41
- Disease resistance
Commander durum wheat, 901
Glenavon hard red extra strong
spring wheat, 655
- Distribution
Polygonum aviculare L., 481
- Dog-strangling vine
Cynanchum rossicum and
C. louiseae, 243
- Dormant seeding
fall and spring seeding on canola
productivity, 641
- Double cropping
fertilizer replacement values of
legume cover crops, 645
- Down-regulated genes
down-regulated gene expression of
cold acclimated *Poncirus*
trifoliata, 417
- Drought
water use efficiency of forage
crops in a semiarid location, 877
yield tolerance of lowbush
blueberries to drought stress,
911
- Dry matter degradability
N fertilizer on the productivity and
nutritive values of grass mixtures,
361
- Early maturity
Resolute great northern bean, 393
- Ecology
Polygonum aviculare L., 481
- Economics
companion crop establishment of
short-lived forages, 135
post-emergence N application for
wheat, 327
- Ecotypes and mutants, wild
Arabidopsis resistance assay, 225
- Edible beans
leafhopper aggregation in bean
intercrop, 237
- Elemental S fertilizers
management of S fertilizer in
canola, 297
- Elemental and sulphate S fertilizers
feasibility of elemental S fertilizers
for canola, 777
formulation effect of elemental S
on canola, 793
- Emergence
field method for screening maize
cold tolerance, 343
wild oat effects on oat quality, 561
- Emmer wheat
rust resistance in wild emmer
wheats, 49
- Empoasca fabae*
leafhopper aggregation in bean
intercrop, 237
- Environmentally regulated plasticity
plasticity of field violet in wheat
and canola, 271
- Establishment
seeding dates and seeding depths
for winter wheat, 889
- Evapotranspiration
effects of regulated deficit
irrigation on grain yield and
WUE, 829
- Fagopyrum esculentum*, *F.*
homotropicum (see Buckwheat)
- Fall climatic conditions
seeding dates and seeding depths
for winter wheat, 889
- Fall seeding
economics of seeding management
for canola, 761
- Fertility
phosphorus and mycorrhizae, 3
- Fertilization, balanced
management of S fertilizer in
canola, 297
- Fertilizer rate
fall and spring seeding on canola
productivity, 641
- Festuca arundinacea*
rendement et valeur nutritive de la
fétuque élevée, 369
- Festuca rubra* subsp. *rubra*
silvertop in three grass species, 213
- Field pea
CDC Bronco field pea, 649
- Field violet
plasticity of field violet in wheat
and canola, 271
- Flax
2126 low linolenic flax, 155
cropping sequence intensification,
95
- Foliar application
effectiveness of Cu fertilizers on
wheat, 59
- Foliar disease
influence of leaf scorch on
strawberry, 679
- Fomesafen
tolerance of kidney beans to
herbicides, 529
- Forage, annual
seeding ratios and rates for annual
forages, 615
- Forage quality
leaf and stem nutritive value of
timothy cultivars, 377
- Forage yield
companion crop establishment of
short-lived forages, 135
forage quality differences among
timothy genotypes, 857
leaf and stem nutritive value of
timothy cultivars, 377
water use efficiency of forage
crops in a semiarid location, 877
- Forest, tropical
pollen abortion in *Anacardium*
excelsum, 151
- Fragaria* × *ananassa* (see Strawberry)
- Frontenac
tolérance aux conditions hivernales
de rosiers, 693
- Fruit composition
saskatoon fruit physicochemical
properties, 933
- Fruit environment
photosensitive filters on tomato
fruit composition, 439
- Fruit ripening
photosensitive filters on tomato
fruit composition, 439
- Fruit size
growth and yield of prairie fruit
cultivars, 659
growth and yield of saskatoon
cultivars, 929
- Fruit thinning
bio-regulator effects on
Honeycrisp™ quality, 453
- F-statistics
effects of grazing pressure on
mountain rough fescue, 623
- Functional groups
ultrastructural-chemical makeup of
yellow- and brown-seeded canola,
533
- Fusarium*
common root rot of spring wheat,
569
- Gene flow
effects of grazing pressure on
mountain rough fescue, 623
- Genetic identity
effects of grazing pressure on
mountain rough fescue, 623
- Genetic distance
effects of grazing pressure on
mountain rough fescue, 623

- Germination
field method for screening maize
cold tolerance, 343
germination of common bean, 577
oat quality and yield at different
swathing dates, 839
- Germplasm protection
the dune race of *Vitis riparia* in
Ontario, 407
- Gibberellin biosynthesis inhibitor
modifying strawberry plant
morphology for fruit production,
665
prohexadione-calcium effects on
strawberry nursery plants, 671
- Glufosinate
glufosinate for weed management
in Bt sweet corn, 285
- Gluten strength
Commander durum wheat, 901
- Glycine max* (L.) Merr. (see Soybean)
- Grain protein
cropping system and N and P
fertilizer on wheat production, 81
- Grain quality, physical
wild oat effects on oat quality, 561
- Grain yield
effects of regulated deficit irrigation
on grain yield and WUE, 829
- Grain yield and protein
Lillian hard red spring wheat, 397
- Granular Cu
effectiveness of Cu fertilizers on
wheat, 59
- Granular inoculant
chickpea inoculation, 893
- Grape
the dune race of *Vitis riparia* in
Ontario, 407
- Grapevines (French hybrid)
partial defoliation effects on
grapevines, 703
- Grassland
potential phytotoxic substances in
hayfields, 115
- Grazing height
evaluating the performance of
grazing-type alfalfa cultivars, 147
- Great northern bean
Resolute great northern bean, 393
- Green wheatgrass
salinity tolerances of tall, NewHy,
and green wheatgrasses, 863
- Groat yield
oat quality and yield at different
swathing dates, 839
- Growth analysis
prohexadione-calcium effects on
strawberry nursery plants, 671
- Growth stage
effectiveness of Cu fertilizers on
wheat, 59
post-emergence N application for
wheat, 327
- Harvestability
Mesorhizobium inoculants for
chickpea, 555
- Hay fields
potential phytotoxic substances in
hayfields, 115
- Height control
modifying strawberry plant
morphology for fruit production,
665
- Henry Kelsey
tolérance aux conditions hivernales
de rosiers, 693
- Herbage composition
herbage yield and composition of
Kentucky bluegrass, 631
- Herbage dry matter yield
N fertilizer on the productivity and
nutritive values of grass mixtures,
361
- Herbage yield
herbage yield and composition of
Kentucky bluegrass, 631
- Herbicide injury
glufosinate for weed management
in Bt sweet corn, 285
- Herbicide resistance
Raphanus raphanistrum L., 709
- Hexaploid
interspecific hybridization between
F. esculentum and *F.*
homotropicum, 41
- Highbush cranberry
fruit physicochemical properties,
425
- High erucic acid rapeseed
breeding method comparisons in
canola/rapeseed, 809
- High performance liquid
chromatography
camptothecin and hydroponic
culture, 447
isoflavone concentrations in
soybean, 749
- Hoe openers
barley response to seed placement
and herbicide timing, 265
- Honeycrisp™
bio-regulator effects on
Honeycrisp™ quality, 453
- Hordeum vulgare* (see Barley)
- Horticultural yields
horticultural crop yields and
seasonal climate, 431
- Host plant resistance
Arabidopsis resistance assay, 225
- Hybridization
Raphanus raphanistrum L., 709
- Imazamox
tolerance of kidney beans to
herbicides, 529
- Inheritance
low linolenic acid and the
lipoxygenase-free traits in
soybeans, 593
- Integrated pest management
herbicide use reduction in field
crops in Canada, 457
- Integrated weed management
herbicide use reduction in field
crops in Canada, 457
- Intercrop
seeding ratios and rates for annual
forages, 615
- Interspecific hybridization
interspecific hybridization between
F. esculentum and *F.*
homotropicum, 41
- Invasive alien
Amaranthus tuberculatus, 507
Cynanchum rossicum and
C. louiseae, 243
- Iron
micronutrients in raspberries, 179
- Irrigation
yield tolerance of lowbush
blueberries to drought stress,
911
- Isoflavones
isoflavone concentrations in
soybean, 749
- John Davis
tolérance aux conditions hivernales
de rosiers, 693
- June-bearing
influence of leaf scorch on
strawberry, 679
- Kentucky bluegrass
herbage yield and composition of
Kentucky bluegrass, 631
silvertop in three grass species, 213
- Kentucky bluegrass fertilization
responses of Kentucky bluegrass
turf to N, P, and K additions, 193
- Kernel size
bimodal oat kernel size distributions,
317
- Leaching
nitrate and pesticide leaching, 205

- Leaf and stem rust
 - Lillian hard red spring wheat, 397
- Leaf rust
 - rust resistance in wild emmer wheats, 49
- Leaf shoot ratio
 - N fertilizer on the productivity and nutritive values of grass mixtures, 361
- Lens culinaris* (see Lentil)
- Lentil
 - CDC LeMay lentil, 159
 - CDC Plato lentil, 161
 - CDC Sedley lentil, 163
 - lentil response to inoculation and N and P, 847
 - previous crop effect of wheat and weeds, 735
- Linolenic acid
 - low linolenic acid and the lipoxygenase-free traits in soybeans, 593
- Linum usitatissimum* L. (see Flax)
- Lipoxygenase
 - low linolenic acid and the lipoxygenase-free traits in soybeans, 593
- Lolium persicum*
 - relationships of *Lolium temulentum* and *L. persicum*, 963
- Lolium temulentum*
 - relationships of *Lolium temulentum* and *L. persicum*, 963
- Low-input agriculture
 - herbicide use reduction in field crops in Canada, 457
- Low linolenic acid
 - 2126 low linolenic flax, 155
- Lycopene
 - photosensitive filters on tomato fruit composition, 439
- Lycopersicon esculentum* (see Tomato)
- Manganese
 - micronutrients in raspberries, 179
- Manure
 - nitrate and pesticide leaching, 205
- Maturity
 - leaf and stem nutritive value of timothy cultivars, 377
- Meadow fescue
 - compositional changes between forage grass species, 351
- Medicinal plant
 - Camptothecin and hydroponic culture, 447
- Mehlich III-extractable P
 - phosphorus fertilization and asparagus, 687
- Method of application
 - management of S fertilizer in canola, 297
- Microbiology
 - phosphorus and mycorrhizae, 3
- Microelectrodes
 - Cd²⁺ flux at root surface and total plant cadmium, 103
- Microsatellite
 - relationships of *Lolium temulentum* and *L. persicum*, 963
- Minimum and zero tillage
 - fall and spring seeding on canola productivity, 641
- Minimum tillage
 - resistance of potatoes to *Phytophthora erythroseptica* attack, 523
- Monocrop
 - seeding ratios and rates for annual forages, 615
- Montcalm
 - tolerance of kidney beans to herbicides, 529
- Mowing
 - modifying strawberry plant morphology for fruit production, 665
- Mustard
 - previous crop effect of wheat and weeds, 735
- Mycorrhizae
 - managing arbuscular mycorrhizal fungi in cropping systems, 31
- Native grasses
 - ARC sentinel spike trisetum, 403
- Net photosynthesis
 - prohexadione-calcium effects on strawberry nursery plants, 671
- Net returns
 - economics of seeding management for canola, 761
- Neutral detergent fibre
 - forage quality differences among timothy genotypes, 857
 - Russian wildrye nutritive quality, 125
- NewHy
 - salinity tolerances of tall, NewHy, and green wheatgrasses, 863
- Nitrogen
 - common root rot of spring wheat, 569
 - nitrogen and phosphorus fertility for chickpea, 73
- Nitrogen fertilizer
 - cropping system and N and P fertilizer on wheat production, 81
- malting barley agronomy, 603
- Nitrogen fixation
 - chickpea inoculation, 893
 - nitrogen and phosphorus fertility for chickpea, 73
- Nitrogen levels
 - N fertilizer on the productivity and nutritive values of grass mixtures, 361
- Nitrogen management
 - late-summer overseeding benefits corn and environment, 543
- Nitrogen products
 - post-emergence N application for wheat, 327
- Nitrogen rates
 - post-emergence N application for wheat, 327
- Nodulation
 - chickpea inoculation, 893
 - lentil response to inoculation and N and P, 847
- Nutrient diagnosis
 - nitrogen diagnosis of Christmas tree needle greenness, 939
- Nutrient imbalance index
 - nitrogen diagnosis of Christmas tree needle greenness, 939
- Oat
 - bimodal oat kernel size distributions, 317
 - oat quality and yield at different swathing dates, 839
 - soil water depletion by oat and wheat, 385
- Oil and protein concentration
 - feasibility of elemental S fertilizers for canola, 777
- Oil and protein content
 - formulation effect of elemental S on canola, 793
- Oil quality
 - yellow-seeded canola from black-seeded cultivars, 109
- Ontario
 - the dune race of *Vitis riparia* in Ontario, 407
- Orchardgrass
 - compositional changes between forage grass species, 351
- Pea
 - CDC Bronco field pea, 649
 - cropping sequence intensification, 95
- Panicle
 - bimodal oat kernel size distributions, 317

- Path analysis
yield tolerance of lowbush blueberries to drought stress, 911
- Penicillium bilaii*
lentil response to inoculation and N and P, 847
- Pesticide use reduction
herbicide use reduction in field crops in Canada, 457
- Phaseolus vulgaris* (see Bean)
- Phenolics
partial defoliation effects on grapevines, 703
- Phenological development
low-temperature tolerance in barley under field conditions, 587
- Phenology
modifying strawberry plant morphology for fruit production, 665
- Phleum pratense* L.
herbage yield and composition of Kentucky bluegrass, 631
leaf and stem nutritive value of timothy cultivars, 377
- Phosphorus
malting barley agronomy, 603
nitrogen and phosphorus fertility for chickpea, 73
- Phosphorus nutrient management
phosphorus fertilization and asparagus, 687
- Phosphorus saturation
phosphorus fertilization and asparagus, 687
- Phosphorus-solubilizing microbes
lentil response to inoculation and N and P, 847
- Phosphorus uptake
tillage impact on mycorrhizae, 23
- Photoperiod
low-temperature tolerance in barley under field conditions, 587
- Photosensitive filters or shading
photosensitive filters on tomato fruit composition, 439
- Photosynthesis
gas exchange of lowbush blueberries under drought stress, 919
- Phyllotreta cruciferae*
Arabidopsis resistance assay, 225
- Phylogenetic analysis
relationships of *Lolium temulentum* and *L. persicum*, 963
- Physical grain quality
wild oat effects on oat quality, 561
- Phytophthora erythroseptica*
resistance of potatoes to *Phytophthora erythroseptica* attack, 523
- Phytotoxic substances
potential phytotoxic substances in hayfields, 115
- Pink rot
resistance of potatoes to *Phytophthora erythroseptica* attack, 523
- Pisum sativum* L. (see Pea)
- Placement method
effectiveness of Cu fertilizers on wheat, 59
- Plant cadmium content
Cd²⁺ flux at root surface and total plant cadmium, 103
- Plant density
companion crop establishment of short-lived forages, 135
- Plant stand
seeding dates and seeding depths for winter wheat, 889
- Plant breeding
RAPD markers linked to pod length in canola, 803
- Poa pratensis*
herbage yield and composition of Kentucky bluegrass, 631
silvertop in three grass species, 213
- Pod length
RAPD markers linked to pod length in canola, 803
- Polygonum aviculare* L., 481
- Polymer coated canola seed
fall and spring seeding on canola productivity, 641
- Polymer seed coat
economics of seeding management for canola, 761
- Poncirus trifoliata*
down-regulated gene expression of cold acclimated *Poncirus trifoliata*, 417
- Potassium
malting barley agronomy, 603
- Potato
resistance of potatoes to *Phytophthora erythroseptica* attack, 523
- Protein
malting barley agronomy, 603
oat quality and yield at different swathing dates, 839
Strongfield durum wheat, 651
- Prunus pensylvanica*
growth and yield of prairie fruit cultivars, 659
- Prunus virginiana*
fruit physicochemical properties, 425
- growth and yield of prairie fruit cultivars, 659
- Random amplified polymorphic DNA
RAPD markers linked to pod length in canola, 803
- Random amplified polymorphic DNA frequency
effects of grazing pressure on mountain rough fescue, 623
- Rapeseed, high erucic acid
breeding method comparisons in canola/rapeseed, 809
- Raphanus raphanistrum* L., 709
- Reclamation
ARC sentinel spike trisetum, 403
- Red fescue termination
tillage and crop rotation effects on canola yield and root rot, 67
- Reed canarygrass
compositional changes between forage grass species, 351
- Reflection infrared microspectroscopy
ultrastructural-chemical makeup of yellow- and brown-seeded canola, 533
- Régime de coupes
rendement et valeur nutritive de la fétuque élevée, 369
- Regulated deficit irrigation
effects of regulated deficit irrigation on grain yield and WUE, 829
- Relay cropping
fertilizer replacement values of legume cover crops, 645
- Rendement
rendement et valeur nutritive de la fétuque élevée, 369
- Reproductive success
pollen abortion in *Anacardium excelsum*, 151
- Re-seeding
economics of seeding management for canola, 761
- Resistance wheat stem sawfly
Lillian hard red spring wheat, 397
- Return bloom
bio-regulator effects on Honeycrisp™ quality, 453
- Revegetation
ARC sentinel spike trisetum, 403
- Rhizobial inoculant
chickpea inoculation, 893
- Ribes nigrum*
fruit physicochemical properties, 425
growth and yield of prairie fruit cultivars, 659
- Ripening
growth and yield of saskatoon cultivars, 929

- Risk
 - economics of seeding management for canola, 761
- Rosa* Alexander McKenzie
 - tolérance aux conditions hivernales de rosiers, 693
- Rotation
 - managing arbuscular mycorrhizal fungi in cropping systems, 31
- Row spacing
 - barley response to seed placement and herbicide timing, 265
- Rubis idaeus* L.
 - micronutrients in raspberries, 179
- Salinity
 - salinity tolerances of canola and barley, 815
 - salinity tolerances of tall, NewHy, and green wheatgrasses, 863
- Salt resistance
 - salinity tolerances of canola and barley, 815
 - salinity tolerances of tall, NewHy, and green wheatgrasses, 863
- Salt tolerance
 - salinity tolerances of canola and barley, 815
 - salinity tolerances of tall, NewHy, and green wheatgrasses, 863
- Saskatoon
 - saskatoon fruit physicochemical properties, 933
- Sclerotinia sclerotiorum*
 - isoflavone concentrations in soybean, 749
- Secale cereale*
 - late-summer overseeding benefits corn and environment, 543
- Seedbed utilization
 - barley response to seed placement and herbicide timing, 265
- Seed production
 - silvertop in three grass species, 213
- Seed quality
 - management of S fertilizer in canola, 297
- Seed weight
 - Mesorhizobium* inoculants for chickpea, 555
- Seed yield
 - feasibility of elemental S fertilizers for canola, 777
 - formulation effect of elemental S on canola, 793
 - lentil response to inoculation and N and P, 847
- Seeding rates
 - seeding ratios and rates for annual forages, 615
- Seeding ratio
 - seeding ratios and rates for annual forages, 615
- Seedling bioassay
 - Arabidopsis* resistance assay, 225
- Semidwarf
 - soil water depletion by oat and wheat, 385
- Semidwarf wheat and barley
 - crop plant establishment affects competitiveness of cereal varieties, 771
- Sensitivity
 - glufosinate for weed management in Bt sweet corn, 285
- Série Explorateur^{MC}
 - tolérance aux conditions hivernales de rosiers, 693
- Shoot growth
 - growth and yield of prairie fruit cultivars, 659
 - growth and yield of saskatoon cultivars, 929
- Silage
 - barley response to seed placement and herbicide timing, 265
- Silt loam
 - Mesorhizobium* inoculants for chickpea, 555
- Silvertop
 - silvertop in three grass species, 213
- Soil aggregate stability
 - tillage impact on mycorrhizae, 23
- Soil moisture, available
 - previous crop effect of wheat and weeds, 735
- Soil nitrate
 - cropping system and N and P fertilizer on wheat production, 81
 - late-summer overseeding benefits corn and environment, 543
- Soil nitrogen, available
 - previous crop effect of wheat and weeds, 735
- Soil temperature
 - field method for screening maize cold tolerance, 343
- Soil water
 - water use efficiency of forage crops in a semiarid location, 877
- Soil water content
 - field method for screening maize cold tolerance, 343
- Soil water depletion
 - soil water depletion by oat and wheat, 385
- Solanum tuberosum* (see Potato)
- Solin
 - 2126 low linolenic flax, 155
- Soybean
 - isoflavone concentrations in soybean, 749
 - Leo soybean, 389
 - low linolenic acid and the lipoxygenase-free traits in soybeans, 593
 - oviposition site selected by western corn rootworm, 949
 - PRO 30-50 soybean, 897
 - RCAT Corbett soybean, 899
- Spikelets
 - binodal oat kernel size distributions, 317
- Spike trisetum
 - ARC sentinel spike trisetum, 403
- Stage of plant development
 - Russian wildrye nutritive quality, 125
- Stem rust
 - rust resistance in wild emmer wheats, 49
- Stem water potential
 - gas exchange of lowbush blueberries under drought stress, 919
- Stomate
 - gas exchange of lowbush blueberries under drought stress, 919
- Straw/grain regressions
 - cropping system and N and P fertilizer on wheat production, 81
- Strawberry
 - influence of leaf scorch on strawberry, 679
 - modifying strawberry plant morphology for fruit production, 665
 - prohexadione-calcium effects on strawberry nursery plants, 671
- Strip plots
 - oviposition site selected by western corn rootworm, 949
- Sucres solubles
 - rendement et valeur nutritive de la fétuque élevée, 369
- Sulphur
 - malting barley agronomy, 603
- Sulphur fertilizers
 - feasibility of elemental S fertilizers for canola, 777
 - management of S fertilizer in canola, 297
- Sulphur rate
 - management of S fertilizer in canola, 297
- Sulphur uptake
 - feasibility of elemental S fertilizers for canola, 777
- Suppressors
 - rust resistance in wild emmer wheats, 49

- Suspension
formulation effect of elemental S
on canola, 793
- Sustainability
managing arbuscular mycorrhizal
fungi in cropping systems, 31
- Sustainable agriculture
on-farm production of AM fungus
inoculum, 15
- Swallow-wort
Cynanchum rossicum and *C.
louiseae*, 243
- Sweep
barley response to seed placement
and herbicide timing, 265
- Synchrotron
ultrastructural-chemical makeup of
yellow- and brown-seeded
canola, 533
- Tall fescue
compositional changes between
forage grass species, 351
- Tall wheatgrass
salinity tolerances of tall, NewHy,
and green wheatgrasses, 863
- Taxonomy
Polygonum aviculare L., 481
- Technical itineraries
managing arbuscular mycorrhizal
fungi in cropping systems, 31
- Temperature
germination of common bean, 577
yellow-seeded canola from
black-seeded cultivars, 109
- Test weight
oat quality and yield at different
swathing dates, 839
wild oat effects on oat quality, 561
- Tetraploid
interspecific hybridization between
F. esculentum and
F. homotropicum, 41
- Thin seed
oat quality and yield at different
swathing dates, 839
- Thousand-kernel weight
wild oat effects on oat quality, 561
- Tillage
late-summer overseeding benefits
corn and environment, 543
tillage and crop rotation effects on
canola yield and root rot, 67
- Tillage, conservation/conventional
tillage impact on mycorrhizae, 23
- Tiller
herbage yield and composition of
Kentucky bluegrass, 631
- Timing
post-emergence N application for
wheat, 327
- Timothy
compositional changes between
forage grass species, 351
forage quality differences among
timothy genotypes, 857
- Tissue analysis
nitrogen diagnosis of Christmas
tree needle greenness, 939
- Tofu
Leo soybean, 389
- Tomato
photoselective filters on tomato
fruit composition, 439
- Trait relationships
low linolenic acid and the
lipoxygenase-free traits in
soybeans, 593
- Trap-crop
leafhopper aggregation in bean
intercrop, 237
- Trisetum spicatum*
ARC sentinel spike trisetum, 403
- Triticum aestivum* L. (See Wheat)
- Triticum turgidum* L. (see Wheat,
durum)
- Triticum turgidum* var. *dicoccoides*
rust resistance in wild emmer
wheats, 49
- Tropical forest
pollen abortion in *Anacardium
excelsum*, 151
- Turfgrass clipping yield
responses of Kentucky bluegrass
turf to N, P, and K additions, 193
- Turfgrass foliage colour
responses of Kentucky bluegrass
turf to N, P, and K additions,
193
- Turfgrass shoot density
responses of Kentucky bluegrass
turf to N, P, and K additions, 193
- Ultrastructure
ultrastructural-chemical makeup of
yellow- and brown-seeded
canola, 533
- Underground turf biomass
responses of Kentucky bluegrass
turf to N, P, and K additions, 193
- Vernalization
low-temperature tolerance in barley
under field conditions, 587
- Viburnum trilobum*
fruit physicochemical properties,
425
- growth and yield of prairie fruit
cultivars, 659
- Vincetoxicum*
Cynanchum rossicum and
C. louiseae, 243
- Viola arvensis*
plasticity of field violet in wheat
and canola, 271
- Vitis*
the dune race of *Vitis riparia* in
Ontario, 407
- Volunteer cereals
evaluation of weed yield loss
equations, 955
- Water potential
water use efficiency of forage
crops in a semiarid location, 877
- Water use
cropping system and N and P
fertilizer on wheat production, 81
water use efficiency of forage
crops in a semiarid location, 877
- Water use efficiency
effects of regulated deficit irrigation
on grain yield and WUE, 829
water use efficiency of forage crops
in a semiarid location, 877
- Weather
companion crop establishment of
short-lived forages, 135
horticultural crop yields and
seasonal climate, 431
- Weed biology
Amaranthus tuberculatus, 507
Polygonum aviculare L., 481
Raphanus raphanistrum L., 709
- Weed density
previous crop effect of wheat and
weeds, 735
- Weed economic threshold
evaluation of weed yield loss
equations, 955
- Weed emergence
plasticity of field violet in wheat
and canola, 271
- Weed phenology
plasticity of field violet in wheat
and canola, 271
- Western corn rootworm
oviposition site selected by western
corn rootworm, 949
- Wheat
chromosome 1B specific DNA
library of wheat, 309
common root rot of spring wheat,
569
cropping system and N and P
fertilizer on wheat production,
81

- effects of regulated deficit irrigation
 - on grain yield and WUE, 829
- evaluation of weed yield loss
 - equations, 955
- soil water depletion by oat and wheat, 385
- Wheat, Canada prairie spring
 - crop plant establishment affects competitiveness of cereal varieties, 771
- Wheat, Canada western extra strong
 - Glenavon hard red extra strong spring wheat, 655
- Wheat, durum
 - Cd²⁺ flux at root surface and total plant cadmium, 103
 - Commander durum wheat, 901
 - Strongfield durum wheat, 651
- Wheat, hard red extra strong spring
 - Glenavon hard red extra strong spring wheat, 655
- Wheat, hard red spring
 - crop plant establishment affects competitiveness of cereal varieties, 771
 - Lillian hard red spring wheat, 397
- Wheat, spring
 - cropping sequence intensification, 95
- Wheat, winter
 - oviposition site selected by western corn rootworm, 949
 - seeding dates and seeding depth for winter wheat, 889
- Wheatgrass, green
 - salinity tolerances of tall, NewHy, and green wheatgrasses, 863
- Wild ecotypes and mutants
 - Arabidopsis* resistance assay, 225
- Wild oat
 - evaluation of weed yield loss equations, 955
- Wild radish
 - Raphanus raphanistrum* L., 709
- Winter injuries
 - potential phytotoxic substances in hayfields, 115
- Wounding
 - isoflavone concentrations in soybean, 749
- Yellow seed
 - yellow-seeded canola from black-seeded cultivars, 109
- Zea mays* L. (see Corn)
- Zinc
 - micronutrients in raspberries, 179



